

**CLAIMS**

1. A fastening between a fan shroud and a heat exchanger, said fastening comprising a plurality of cooperating fastening devices about the outer edge of said shroud and heat exchanger, at least one of said cooperating fastening devices comprising:
  - a locking hook on one edge of said shroud;
  - a mount on an edge of said heat exchanger corresponding to said shroud one edge, said mount defining a slot adapted to receive said locking hook from a first direction;
  - a stop on said corresponding heat exchanger edge spaced from said mount slot in a direction opposite said first direction; and
  - an elastically flexible extension on said locking hook including a locking tab, said extension being elastically biased toward an interfering position between said locking tab and said stop when said locking hook is received in said mount slot, and
  - manually engageable to flex the extension to a releasing position in which said locking tab does not interfere with said stop.
2. The fastening of claim 1, further comprising a housing about the edge of said heat exchanger, wherein said mount is on said housing.

3. The fastening of claim 1, wherein  
2 said fastening mounts said fan shroud to the front of said heat exchanger;  
4 said first direction is generally up and said mount slot is upwardly open and  
6 spaced forwardly of the front of said heat exchanger at said  
corresponding heat exchanger edge; and  
said locking hook extends laterally from said shroud one edge.

4. The fastening of claim 3, wherein  
2 said mount includes a front leg spaced forwardly of a rear leg with said  
4 mount slot defined between said legs;  
6 said locking hook includes a lower portion having two arms spaced from  
said lower portion on opposite sides thereof, said lower portion being  
receivable between said front and rear legs with said front leg  
captured between said lower portion and two arms.

5. The fastening of claim 4, wherein said mount front leg has a  
2 tapered upper surface adapted to guide said locking hook toward said heat  
exchanger when said locking hook is moved down into said mount slot.

6. The fastening of claim 4, further comprising a continuation on  
2 the locking hook substantially vertically aligned with said locking tab on a side of  
4 said locking hook opposite said locking tab, said continuation extending to said  
mount front leg when said locking hook is received in said mount slot to secure the  
locking hook against unintended loosening.

7. The fastening of claim 1, wherein said first direction is  
2 generally up and said stop is spaced above said mount slot.

8. The fastening of claim 7, wherein said stop has a tapered  
2 upper surface adapted to flex said locking hook extension past said stop when said  
locking hook is moved into said mount slot.

9. The fastening of claim 1, wherein at least one other of said  
2 cooperating fastening devices comprise a pin and hook.

10. The fastening of claim 1, wherein said fan shroud is plastic and  
2 said locking hook is a protrusion molded on said one edge of said shroud.

11. The fastening of claim 1, wherein said heat exchanger  
2 comprises a heat exchanging device and a housing supporting said heat  
exchanging device in an installation.

12. The fastening of claim 1, wherein said first direction is  
2 generally up, and said stop secures said one cooperating fastening device against  
separation due to relative vertical movement.